

A
Comp. B1
A1
(b) propagating the stem cells, wherein
embryoid bodies are formed, and

(c) culturing the embryoid bodies in a medium
containing an effective amount of fibroblast growth
factor 2, wherein neural precursor cells are generated
and wherein the neural precursor cells are characterized
by rosette formations.

A2 Sub B1
3. (Amended) The method of claim 1 further
comprising the step of isolating the neural precursors by
differential enzymatic treatment and adhesion wherein the
treatment leads to the preferential detachment of central
neuroepithelial islands.

4. (Amended) The method of claim 1 wherein the
amount of fibroblast growth factor 2 in the medium of
step (c) is between 10 and 20 ng/ml.

A3
13. (Amended) The method of claim 1 wherein step
(c) comprises culturing the embryoid bodies in a medium
comprising insulin, transferrin, progesterone,
putrescine, sodium selenite and heparin.

Sub B1
14. (Amended) An isolated cell population
comprising at least 72% neural precursor cells wherein
the cells are characterized by rosette formations.